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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | ATTORNEYS DOCKET NO. <div style="text-align: center;">2997-74-PUS</div> U.S. APPLICATION NO. (If known, see 35 CFR 1.5) <div style="text-align: center;">NOT YET ASSIGNED</div> |
| INTERNATIONAL APPLICATION NO. <div style="text-align: center;">PCT/US2005/002177</div> | INTERNATIONAL FILING DATE <div style="text-align: center;">19 January 2005</div> | PRIORITY DATE CLAIMED <div style="text-align: center;">19 January 2004</div> |
| TITLE OF INVENTION <div style="text-align: center;">REELIN DEFICIENCY OR DYSFUNCTION AND METHODS RELATED THERETO</div> | | |
| APPLICANT(S) FOR DO/EO/US <div style="text-align: center;">John P. MORSEMAN, Mark W. MOSS, and Lorie A. ELLIS</div> | | |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (20) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 10 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> A preliminary amendment. 13. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A power of attorney and/or change of address letter. 16. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 17. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 18. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 1.54(d)(4). 19. <input type="checkbox"/> Other items or information: | | |

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|-------------------------------------------------|--|-------------------------------|--|--------------------------|--|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER | |
| NOT YET ASSIGNED | | PCT/US2005/002177 | | 2997-74-PUS | |

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| 20. The following fees are submitted: | | | | | Applicant use | Office use only |
| | | | | | | |
| <input checked="" type="checkbox"/> | a) Basic national fee | | \$300.00 | \$ | 300.00 | |
| <input checked="" type="checkbox"/> | b) Examination fee | | \$200.00 | \$ | 200.00 | |
| <input checked="" type="checkbox"/> | c) Search fee | | \$400.00 | \$ | 400.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | 900.00 | |
| <input type="checkbox"/> | Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 83 | -100 = | -17 | /50 = | 0 | x \$250.00 | \$ 0 |
| Surcharge of \$130.00 for finishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)) | | | | | \$ | |
| CLAIMS | | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | | 123 - 20 = | 103 | x \$50.00 | \$ | 5,150.00 |
| Independent claims | | 23 - 3 = | 20 | x \$200.00 | \$ | 4,000.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | | + \$360.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | | \$ | 10,050.00 |
| <input type="checkbox"/> | Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | |
| SUBTOTAL = | | | | | \$ | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | | \$ | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property | | | | | \$ | |
| TOTAL FEES ENCLOSED = | | | | | \$ | 10,050.00 |
| Amount to be refunded: | | | | | | \$ |
| Amount to be charged: | | | | | | \$ |

a. ☐ A check in the amount of \$_____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 19-1970 in the amount of \$ 10,500.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

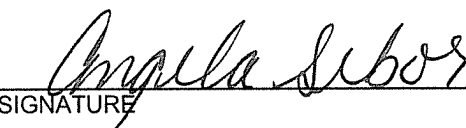
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1970. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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Denver, Colorado 80202-5141
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SIGNATURE
Angela Dallas Sebor
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